

To: Nickle, Richard (ATSDR/DTHHS/OD)[ran2@cdc.gov]; Lora Werner[Werner.Lora@epa.gov]; Robert Helverson (helverson.robert@epa.gov)[helverson.robert@epa.gov]
From: Ham, Greg
Sent: Fri 6/19/2015 7:30:00 PM
Subject: RE: Miller Chemical Fire - Private Well Preliminary Data review.

Thanks!

From: Nickle, Richard (ATSDR/DTHHS/OD) [mailto:ran2@cdc.gov]
Sent: Friday, June 19, 2015 3:20 PM
To: Ham, Greg
Cc: Werner, Lora; Helverson, Robert; Holler, James S. (Jim) (ATSDR/DTHHS/OD); Williams-Fleetwood, Sharon O. (ATSDR/DCHI/EB); Murray, Ed (ATSDR/DTHHS/OD); Forrester, Tina (ATSDR/DCHI/OD); Stephens, James W. (ATSDR/DCHI/OD); Risher, John (ATSDR/DTHHS/OD)
Subject: Miller Chemical Fire - Private Well Preliminary Data review.

Gregg, Lora and Bob asked me to summarize our review of the preliminary data resulting from the samples that EPA collected on June 16th that you shared with us on the 18th.

1. All of the results are below EPA's regulatory or advisory concentrations. If these wells were part of a public water supply, the water quality indicated by these results would be acceptable.
2. Miller Chemicals fire does not seem to have impacted the private wells that were sampled. Further, the quarry located to the west and slightly north of the plant may act as a barrier to any future impacts to these nearest, sampled private wells, but this is less certain.
3. The data indicates one well has a low detection of tetrachloroethylene (PCE), which is not naturally occurring. The level is below a concentration where health effects, from acute or chronic exposures, may be expected. The detection of this man-made chemical indicates some contamination, however, and the well owner may want to assess this further.
4. The hardness of the water, which may be naturally-occurring in this area, indicates the water may need treatment to improve taste.
5. If individuals on a sodium restricted diet are using the water from location 4, they should share these results with their healthcare provider to adjust their diet.
6. If an individual is pregnant or has a child less than 6 months old, they may want to discuss these nitrate levels with their healthcare provider. The Pediatric Environmental Health Services Unit is available to assist their doctor if that would be helpful.

As additional data becomes available or if there are questions regarding this review, please do not hesitate to contact ATSDR 3 as usual or myself. My contact information is below.

Have a good weekend.

Richard A. Nickle, MPH

ATSDR Emergency Response

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404-791-7951 (Mobile)

7100. (24/7 Emergency)

- Ask for the ATSDR Duty Officer